

ABSTRACT

[89] Certain embodiments of the invention for supporting a plurality of broadband networks and service provider infrastructures may comprise establishing a second communication path that is independent of a first communication path that couples at least two end points via at least a first network. Accordingly, information may be transferred between the two endpoints via the established second communication path. The second communication path may be provisioned for handling various communication functions, for example, operations administration maintenance and provisioning (OAM&P), roaming, user authentication, media transfer, caching, storage management and addressing management. During transfer of the information between the two endpoints via the second communication path, the information may be temporarily stored or cached. The first communication path may be a physical communication path and the second communication path may be a logical communication path that may comprise one or more circuit switched connections and/or one or more packet switched connections.